

## Exhibit 300: Capital Asset Plan and Business Case Summary

### Part I: Summary Information And Justification (All Capital Assets)

#### Section A: Overview (All Capital Assets)

1. **Date of Submission:** 2010-03-09 15:41:30

2. **Agency:** 007

3. **Bureau:** 21

4. **Name of this Investment:** Future Combat Systems-Advanced Collaborative Environment

5. **Unique Project (Investment) Identifier:** 007-21-01-02-01-1051-00

6. **What kind of investment will this be in FY 2011?:** Mixed Life Cycle

- Planning
- Full Acquisition
- Operations and Maintenance
- Mixed Life Cycle
- Multi-Agency Collaboration

7. **What was the first budget year this investment was submitted to OMB? \***

8. **Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap; this description may include links to relevant information which should include relevant GAO reports, and links to relevant findings of independent audits.**

Future Combat Systems Advanced Collaborative Environment (FCS ACE) is an acquisition of services through the FCS weapon system acquisition program. The FCS program is managed in accordance with DoD Instruction 5000.2, and FCS ACE is reviewed as part of the FCS program management process. FCS ACE is an Internet based, web centric, and federated data environment used by the FCS program for accessing, sharing, collaborating, integrating and controlling FCS program information. FCS ACE allows authorized participants secure, immediate, and controlled access to the single source of authoritative data, including product, technical, and program management information. FCS ACE enables collaboration and data sharing with suppliers, complementary programs, and various Army organizations such as test facilities, research, development and engineering centers, and battle labs. FCS ACE is available in both unclassified and classified environments. Major capabilities of FCS ACE include the Distributed Product Description (DPD); program management; project collaboration; workflow; federation, configuration management (CM); knowledge management; visualization of digital product computer-aided design/computer-aided manufacturing (CAD/CAM) models; common parts; and security and access control. The DPD provides lifecycle traceability for the FCS program from design and development through deployment and sustainment. The DPD is a lattice of interrelated authoritative data elements such as product structure, requirements, specifications, work breakdown structure, architecture, modeling & simulation, logistics, software, production, test, and program management of all FCS platforms, the network, and all support elements. FCS ACE federation services loosely couple One Team Partners (Army, Lead Systems Integrator, and Industry) allowing them the freedom to interoperate as independently as possible, preserving their competitive advantage in software solutions, process, and skills. CM establishes and maintains consistency of a product's physical and functional attributes with its design and operational information throughout its life cycle. FCS ACE streamlines the process of multi-platform weapon systems acquisition in support of business transformation. When the FCS brigade combat team is fielded, FCS ACE capabilities will be used to support the warfighter with foxhole-to-factory reachback for logistics and training.

- a. **Provide here the date of any approved rebaselining within the past year, the date for the most recent (or planned) alternatives analysis for this investment, and whether this investment has a risk management plan and risk register.**

**9. Did the Agency's Executive/Investment Committee approve this request? \***

a. If "yes," what was the date of this approval? \*

**10. Contact information of Program/Project Manager?**

- Name: \*
- Phone Number: \*
- Email: \*

**11. What project management qualifications does the Project Manager have? (per FAC-P/PM)? \***

- Project manager has been validated according to FAC-PMPM or DAWIA criteria as qualified for this investment.
- Project manager qualifications according to FAC-P/PM or DAWIA criteria is under review for this investment.
- Project manager assigned to investment, but does not meet requirements according to FAC-P/OM or DAWIA criteria.
- Project manager assigned but qualification status review has not yet started.
- No project manager has yet been assigned to this investment.

**12. If this investment is a financial management system, then please fill out the following as reported in the most recent financial systems inventory (FMSI):**

Financial management system name(s)	System acronym	Unique Project Identifier (UPI) number
*	*	*

**a. If this investment is a financial management system AND the investment is part of the core financial system then select the primary FFMIA compliance area that this investment addresses (choose only one): \***

- computer system security requirement;
- internal control system requirement;
- core financial system requirement according to FSIO standards;
- Federal accounting standard;
- U.S. Government Standard General Ledger at the Transaction Level;
- this is a core financial system, but does not address a FFMIA compliance area;
- Not a core financial system; does not need to comply with FFMIA

## Section B: Summary of Funding (Budget Authority for Capital Assets)

1.

Table 1: SUMMARY OF FUNDING FOR PROJECT PHASES (REPORTED IN MILLIONS) (Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)									
	PY1 and earlier	PY 2009	CY 2010	BY 2011	BY+1 2012	BY+2 2013	BY+3 2014	BY+4 and beyond	Total
Planning:	*	*	*	*	*	*	*	*	*
Acquisition:	*	*	*	*	*	*	*	*	*
Subtotal Planning & Acquisition:	*	*	*	*	*	*	*	*	*
Operations & Maintenance:	*	*	*	*	*	*	*	*	*
Disposition Costs (optional):	*	*	*	*	*	*	*	*	*
SUBTOTAL:	*	*	*	*	*	*	*	*	*
Government FTE Costs should not be included in the amounts provided above.									
Government FTE Costs	*	*	*	*	*	*	*	*	*
Number of FTE represented by Costs:	*	*	*	*	*	*	*	*	*
TOTAL(including FTE costs)	*	*	*	*	*	*	*	*	*

2. If the summary of funding has changed from the FY 2010 President's Budget request, briefly explain those changes:

\*

## Section C: Acquisition/Contract Strategy (All Capital Assets)

1.

Table 1: Contracts/Task Orders Table

Contract or Task Order Number	Type of Contract/Task Order (In accordance with FAR Part 16)	Has the contract been awarded (Y/N)	If so what is the date of the award? If not, what is the planned award date?	Start date of Contract/Task Order	End date of Contract/Task Order	Total Value of Contract/Task Order (M)	Is this an Interagency Acquisition? (Y/N)	Is it performance based? (Y/N)	Competitively awarded? (Y/N)	What, if any, alternative financing option is being used? (ESPC, UESC, EUL, N/A)	Is EVM in the contract? (Y/N)
W56HZV-05-C-0724 (Contract is for FCS, and FCS ACE is included.)	CPFF with incentives	Y	2005-09-27	2005-09-30	2014-12-30	\$17,400.0	*	*	*	*	*

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

\*

3. Is there an acquisition plan which reflects the requirements of FAR Subpart 7.1 and has been approved in accordance with agency requirements? \*

a.If "yes," what is the date? \*

## Section D: Performance Information (All Capital Assets)

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2008	Reshaping the Defense Enterprise	*	*	FCS ACE system availability	Measures total amount of system downtime (scheduled and unplanned)	FCS ACE services must be available 24 hours per day, 7 days per week, less scheduled downtime for Blockpoints or routine maintenance	FCS ACE continues to achieve target. Service Level Agreement (SLA) is being defined.
2008	Reshaping the Defense Enterprise	*	*	Disaster Recovery	Test to measure the amount of time to complete a mock system disaster recovery	The FCS ACE business continuity plan requires the ability to move to a disaster site within 48 hours. Exercises need to be conducted each year to measure preparedness.	Table top exercise showed recovery achievable in less than 48 hours.
2008	Reshaping the Defense Enterprise	*	*	Customer Surveys are sent Quarterly to the FCS ACE users	Surveys measure the effectiveness of FCS ACE	Results of the surveys will be used to improve FCS ACE capabilities to better serve the user community	Enhanced FCS ACE capabilities based on customer feedback from Surveys and Users Group.
2008	Reshaping the Defense Enterprise	*	*	Training Effectiveness	Surveys to user to measure the effectiveness of all types of training and education for the FCS ACE system	Results of training surveys will be reviewed by FCS ACE leadership to determine necessary changes to be made to training program	Training surveys are provided after classroom training. Training survey results have been analyzed, and changes to training program have been implemented.
2009	Reshaping the Defense Enterprise	*	*	FCS ACE system availability	Measures total amount of system downtime (scheduled and unplanned)	FCS ACE services must be available 24 hours per day, 7 days per week, less scheduled downtime for Blockpoints or routine maintenance	Results will be available in 2009.
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						preparedness.	
2009	Reshaping the Defense Enterprise	*	*	Customer Surveys are sent Quarterly to the FCS ACE users	Surveys measure the effectiveness of FCS ACE	Results of the surveys will be used to improve FCS ACE capabilities to better serve the user community	Results will be available in 2009.
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2010	Reshaping the Defense Enterprise	*	*	Customer Surveys are sent Quarterly to the FCS ACE users	Surveys measure the effectiveness of FCS ACE	Results of the surveys will be used to improve FCS ACE capabilities to better serve the user community	Results will be available in 2010.

## Part II: Planning, Acquisition And Performance Information

### Section A: Cost and Schedule Performance (All Capital Assets)

1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline								
Description of Milestones	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
Complete FCS ACE Increment 1 consisting of initial capability standup plus Block Point releases 1 through 20. FCS ACE Increment 1 provided product data management capabilities, software library, and business applications.	\$60.2	\$60.2	2003-05-01	2003-05-01	2005-08-08	2005-08-08	100.00%	100.00%
Complete FCS ACE Increment 2 consisting of Block Point releases 21 through 34. Increment 2 will provide supplier data exchange, integrated configuration management, modeling and simulation integration, and upgrade of product data management tool.	\$85.8	\$85.8	2005-08-09	2005-08-09	2009-01-31	2009-01-31	100.00%	100.00%
Complete FCS ACE Increment 3 consisting of Block Point releases 35-40 providing test data integration, initial integration with FCS Logistics Data Manager, workflow automation to support future	\$49.1	\$15.1	2009-02-01	2009-02-01	2011-07-31		38.00%	38.00%

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Description of Milestones	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
FCS program engineering								
Complete FCS ACE Increment 4 consisting of Block Point releases 41-42. FCS ACE Increment 4 will provide full lifecycle traceability and major upgrade of product data management COTS product.	*	*	2011-08-01		2012-12-31		0.00%	0.00%

\* - Indicates data is redacted.